



**IAP4 Rec'd PCT/PTO 16 DEC 2005**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:

NAOKI TOSHIMA, ET AL

Docket: TAN-116

Serial Number: 10/551,974 ✓

Group Art Unit:

Filed: October 5, 2005

Examiner:

For: Three-Element Metal Colloid Having Three-Layer Core/Shell Structure And Method  
For Preparing Such Three-Element Metal Colloid

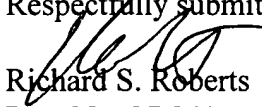
UPDATED INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

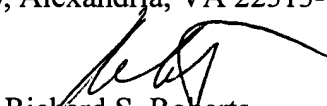
Sir:

The undersigned wishes to update this file by citing the references enumerated on the enclosed PTO 1449. I hereby certify that each item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.

Respectfully submitted,

  
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Date: December 14, 2005

I hereby certify that this correspondence is being deposited  
with the United States Postal Service as first class mail, postage  
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P.O. Box 1450, Alexandria, VA 22313-1450, on December 14, 2005

  
Richard S. Roberts  
Reg.No. 27941

<b>FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE</b> <b>(Rev. 2-32) PATENT AND TRADEMARK OFFICE</b>				ATTY. DOCKET NO: <b>TAN-116</b>		SERIAL NO.: <b>10/551,974</b>		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				APPLICANT: <b>NAOKI TOSHIMA, ET AL</b>				
(Use several sheets if necessary)				FILING DATE: <b>October 5, 2005</b>		GROUP:		
<b>U.S. PATENT DOCUMENTS</b>								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	AA							
	AB							
	AC							
	AD							
	AE							
	AF							
	AG							
	AH							
	AI							
	AJ							
	AK							
<b>FOREIGN PATENT DOCUMENTS</b>								
							TRANSLATION	
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
	AL	JP2002-060805A	2/28/2002	JAPAN (+ ABSTRACT)			X	
	AM	JP11-241107A	9/7/1999	JAPAN (+ ABSTRACT)			X	
	AN							
	AO							
	AP							
<b>OTHER DOCUMENTS(Including Author, Title, Date, Pertinent Pages, etc.)</b>								
	AQ							
	AR							
	AS							
EXAMINER				DATE CONSIDERED				
Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								